

REMARKS

Reconsideration of the present application, as amended, is respectfully requested.

In the Office Action, the Examiner objected to the Abstract. In response, the current Abstract has been amended as shown in the enclosed Replacement Abstract in accordance with the Examiner's suggestions. Accordingly, withdrawal of the objection to the Abstract is respectfully requested.

In the Office Action, claims 1-7, 9, 11-17, 19, 21-26, 28, 30-35 and 37 were rejected under 35 U.S.C. §102(b) as being anticipated by an Article entitled "Color Superhistograms for Video Representation" written by Dimitrova et al. (Dimitrova). Further, claims 8, 10, 18, 20, 27, 29, 36 and 38 were rejected under 35 U.S.C. §103(a) as being unpatentable over Dimitrova in view of U.S. 5,805,733 (Wang). Applicants respectfully traverse these rejections and submit that claims 1-38 are patentable over Dimitrova and Wang for at least the following reasons.

Dimitrova discloses a method of computing superhistograms to represent video segments. Wang teaches a method and system for summarizing scenes in a video sequence using histograms. There is no teaching or suggestion in Dimitrova, Wang, or combination

thereof, of extracting frame signatures from keyframes, let alone, using the frame signatures to create superhistograms from the keyframes. Further, Dimitrova and Wang, alone or in combination, do not teach or suggest to further use the superhistograms as recited in independent claims 1, 11, 21 and 30, namely, to use the frame signatures and the superhistograms to create a compact visual summary of the video material.

Dimitrova and Wang, are completely silent and do not disclose or suggest a controller which is capable of extracting frame signatures from keyframes, and capable of using the frame signatures to create superhistograms from the keyframes, and capable of using the frame signatures and the superhistograms to create a compact visual summary of the video material, as recited in independent claims 1, 11, 21 and 30.

Accordingly, it is respectfully submitted that independent claims 1, 11, 21 and 30 be allowed. In addition, it is respectfully submitted that claims 2-10, 12-20, 22-29 and 31-38 should also be allowed at least based on their dependence from independent claims 1, 11, 21 and 30.

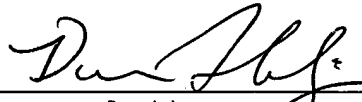
In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of

Allowance is earnestly solicited.

If any informalities remain, the Examiner is requested to telephone the undersigned in order to expedite allowance.

Please charge any fee deficiencies and credit any overpayments to Deposit Account No. 14-1270.

Respectfully submitted,

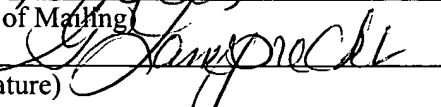
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March 1, 2004

Enclosure: Replacement Abstract

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